

Title (en)  
Binder composition

Title (de)  
Bindemittelzusammensetzung

Title (fr)  
Composition de liant

Publication  
**EP 2071066 A1 20090617 (EN)**

Application  
**EP 08171000 A 20081208**

Priority  
US 739607 P 20071212

Abstract (en)  
A binder composition comprising a. at least one polycarboxy emulsion copolymer comprising from 10% to 25% by weight of a carboxy acid monomer, wherein said copolymer has a measured Tg of from 40°C to 70°C, and a total weight solids of no less than 40%; and b. at least one polyol crosslinker having a molecular weight of less than 700, wherein said polyol crosslinker comprises a hydroxy group and at least one additional hydroxy group, wherein the ratio of primary hydroxy group equivalents to carboxy group equivalents is from 0.25 to 2.0. A nonwoven mat comprising nonwoven fibers bound by the binder composition is also described.

IPC 8 full level  
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CPC (source: EP KR US)  
**C08F 222/02** (2013.01 - EP US); **C08K 5/053** (2013.01 - EP US); **C08K 5/17** (2013.01 - EP US); **C08K 5/20** (2013.01 - EP US); **C09D 133/14** (2013.01 - US); **C09J 133/06** (2013.01 - KR); **D04H 1/587** (2013.01 - EP US); **D04H 1/64** (2013.01 - EP US); **D06M 13/203** (2013.01 - EP US); **D06M 15/263** (2013.01 - EP US); **Y02W 30/91** (2015.05 - EP); **Y10T 428/23986** (2015.04 - EP US); **Y10T 428/2933** (2015.01 - EP US); **Y10T 428/31739** (2015.04 - EP US); **Y10T 428/31786** (2015.04 - EP US); **Y10T 428/31855** (2015.04 - EP US); **Y10T 428/31971** (2015.04 - EP US); **Y10T 442/60** (2015.04 - EP US); **Y10T 442/652** (2015.04 - EP US); **Y10T 442/699** (2015.04 - EP US)

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